

Converting Colors

Decimal(5156713)

Have a look what the booklet for
Decimal(5156713) contains.

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Color

Decimal(5156713)

Conversions

Conversions Part 1

Format	Color
Hex	4EAF69
RGB	78, 175, 105
RGB Percent	31%, 69%, 41%
CMY	0.6941, 0.3137, 0.5882
CMYK	0.55, 0.00, 0.40, 0.31
HSL	137°, 38%, 50%
HSV	137°, 55%, 69%
XYZ	21.0217, 33.2996, 18.6841
YIQ	138.0170, -35.3420, -42.3340

Conversions

Conversions Part 2

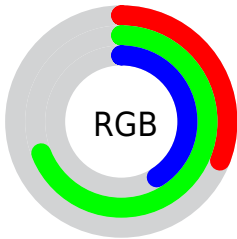
Format	Color
RYB	78, 154, 175
Decimal	5156713
CIELab	64.40, -44.19, 27.49
CIElCh	64, 52.039, 148.117
Yxy	33.2996, 0.2879, 0.4561
Android (android.graphics.Color)	4283346793 (0xFF4EAF69)
YUV	138.0170, -16.2774, -52.6349
Hunter-Lab	57.7058, -35.9593, 21.1970

Details

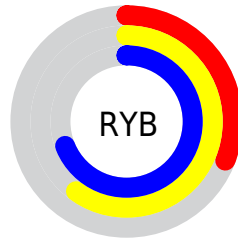
The Decimal color **5156713** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **11488916**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **8841117**, and **293433** is the 20% darker color. If you saturate the color by 10%, you get **3977052**, and if you desaturate by 10%, it is **6336374**.

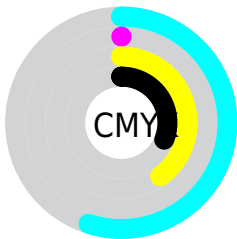
Distribution



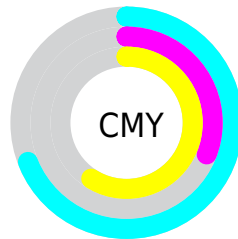
- Red (31%)
- Green (69%)
- Blue (41%)



- Red (31%)
- Yellow (60%)
- Blue (69%)



- Cyan (55%)
- Magenta (0%)
- Yellow (40%)
- Black (31%)



- Cyan (69%)
- Magenta (31%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5156713 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Decimal color 5156713 by changing the saturation by 10% instead.

■ 5156713

■ 5156713

16777215

■ 3183696

■ 8841117

■ 293433

■ 10747832

■ 24610

■ 12582868

■ 18186

■ 14483440

■ 12288

■ 16449535

■ 6144

■ 0

■ 5156713

■ 5156713

■ 3977052

■ 6336374

 2862928

 7450498

 1683267

 8630159

 569142

 9744284

 44849

 10923944

 12038069

 13217729

 14331854

 15445979

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9152070



5156713



45976

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5156713



3121913



15825011

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5156713



11488916

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15692961



5156713



10129902

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5156713



44522



13795278



14518094

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5156713



46008



13795278



15955330

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5156713



12379079



9809742



6058850



15921906



7566195

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5156713



4973429



5156760



5134160



38442



5894

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



11488916



14896057



11488869



5721684



9830509



1507345

Previews

White Background



This preview shows how the Decimal color 5156713 looks on a white background.

Color Contrast Check

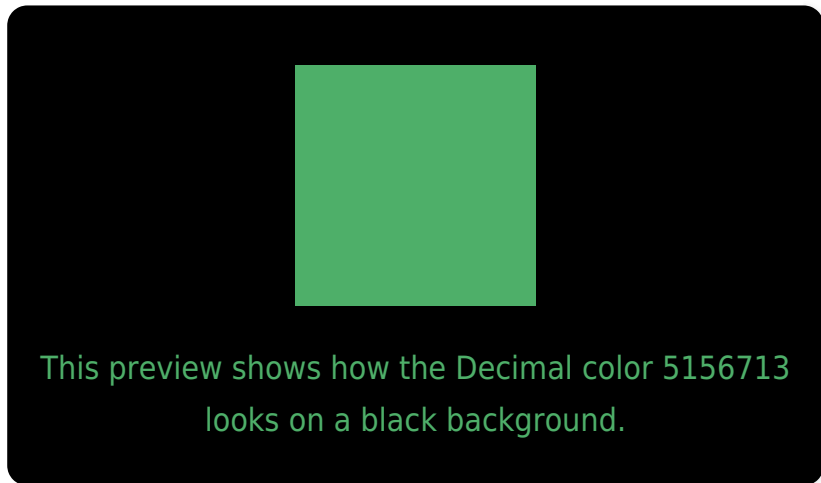
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

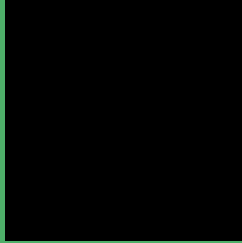
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 5156713 Background



This preview shows how black text looks on a background with the Decimal color 5156713.

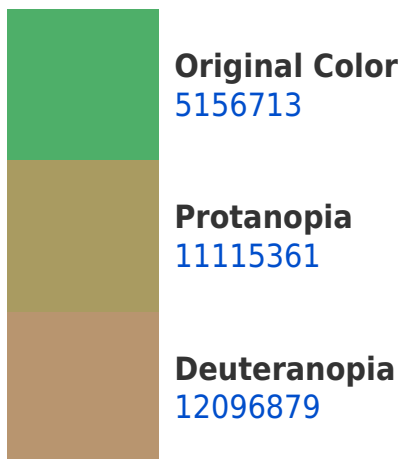


This preview shows how white text looks on a background with the Decimal color 5156713.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
5156713



Protanomaly
8954468



Deuteranomaly
9543277



Tritanomaly
6007193

Monochromacy



Original Color
5156713



Achromatopsia
9079434



Achromatomaly
7640958

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5156713 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #4EAF69 looks like.

```
.text, #text, p{  
    color:#4EAF69  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #4EAF69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EAF69
}
```

Border

The CSS property to change the border of an element to Decimal 5156713 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4EAF69 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#4EAF69 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #4EAF69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EAF69; -webkit-box-shadow:4px 4px  
4px 4px #4EAF69; box-shadow:4px 4px 4px  
4px #4EAF69 }
```

Background

The CSS property to change the background color of an element to Decimal 5156713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EAF69 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#4EAF69 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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